

ABSTRACT

A system and method for heat treating castings and removing sand cores therefrom. The castings are initially located in indexed positions with their x, y, and z coordinates known. The castings are passed through a heat treatment station typically having a series of nozzles mounted in preset positions corresponding to the known indexed positions of the castings passing through the heat treatment station. The nozzles apply heat to the castings for heat treating the castings and dislodging the sand cores for removal from the castings.